

FIG. 1

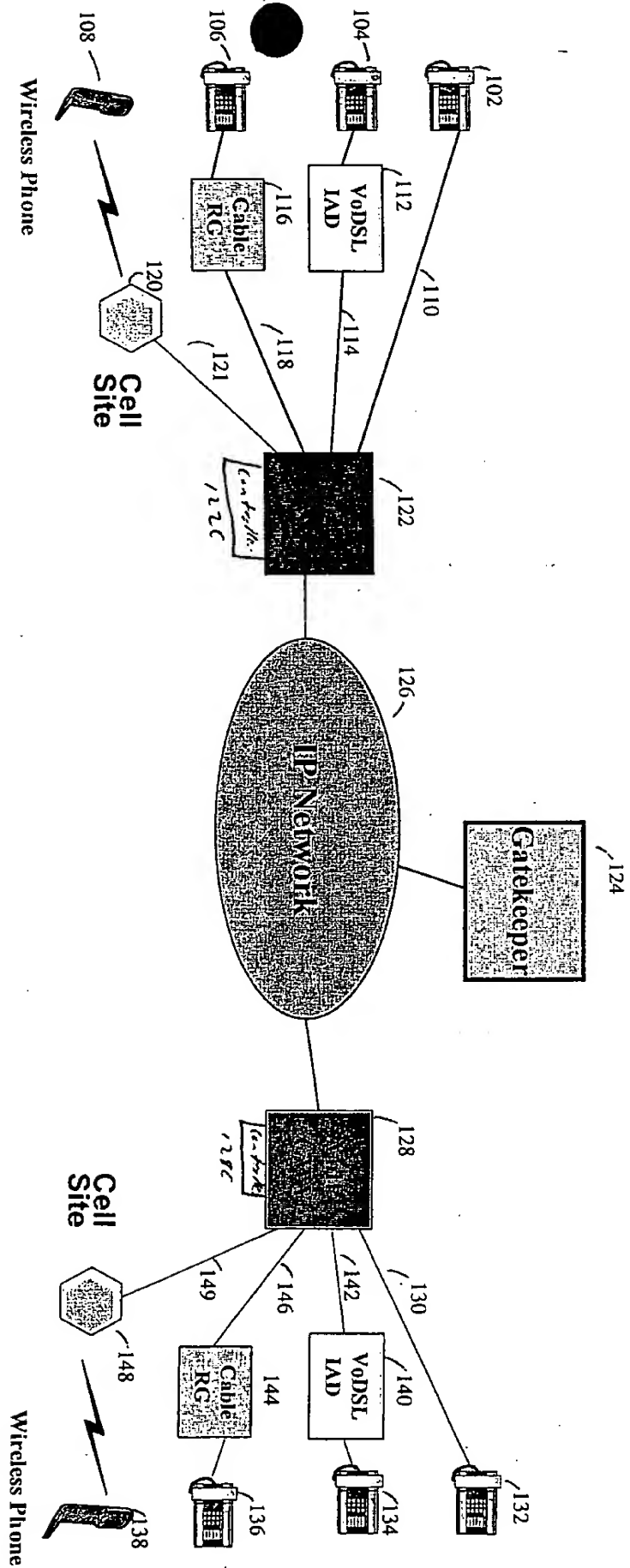
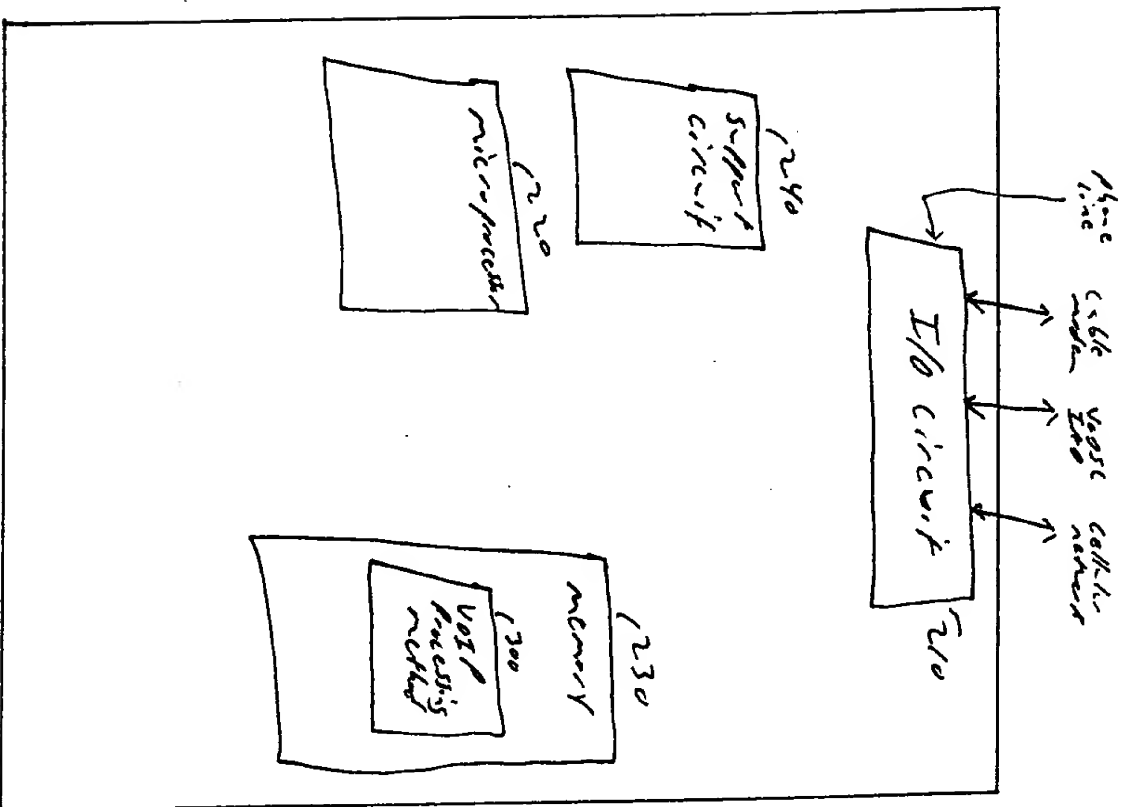


FIG. 2



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START

RECEIVE REQUEST  
FROM SOURCE  
FOR CONNECTION

DETERMINE IF  
CORRESPONDING VOIP  
GATEWAY EXISTS

1. DATABASE IN  
VOIP GATEWAY
2. DATABASE IN  
GATEKEEPER
3. DATABASE IN OTHER  
DEVICE

IS  
SECOND  
VOIP GATEWAY  
COMPATIBLE

CALL ROUTED  
AND TRANSMITTED  
IN CONVENTIONAL  
MANNER

EXIT

IS FIRST  
VOIP GATEWAY  
PRESENTLY PROVIDING  
VOICE TRAFFIC  
TO SECOND VOIP

ESTABLISH LOGICAL  
LINK WITH  
PORT NUMBER  
AND CALL  
IDENTIFIER

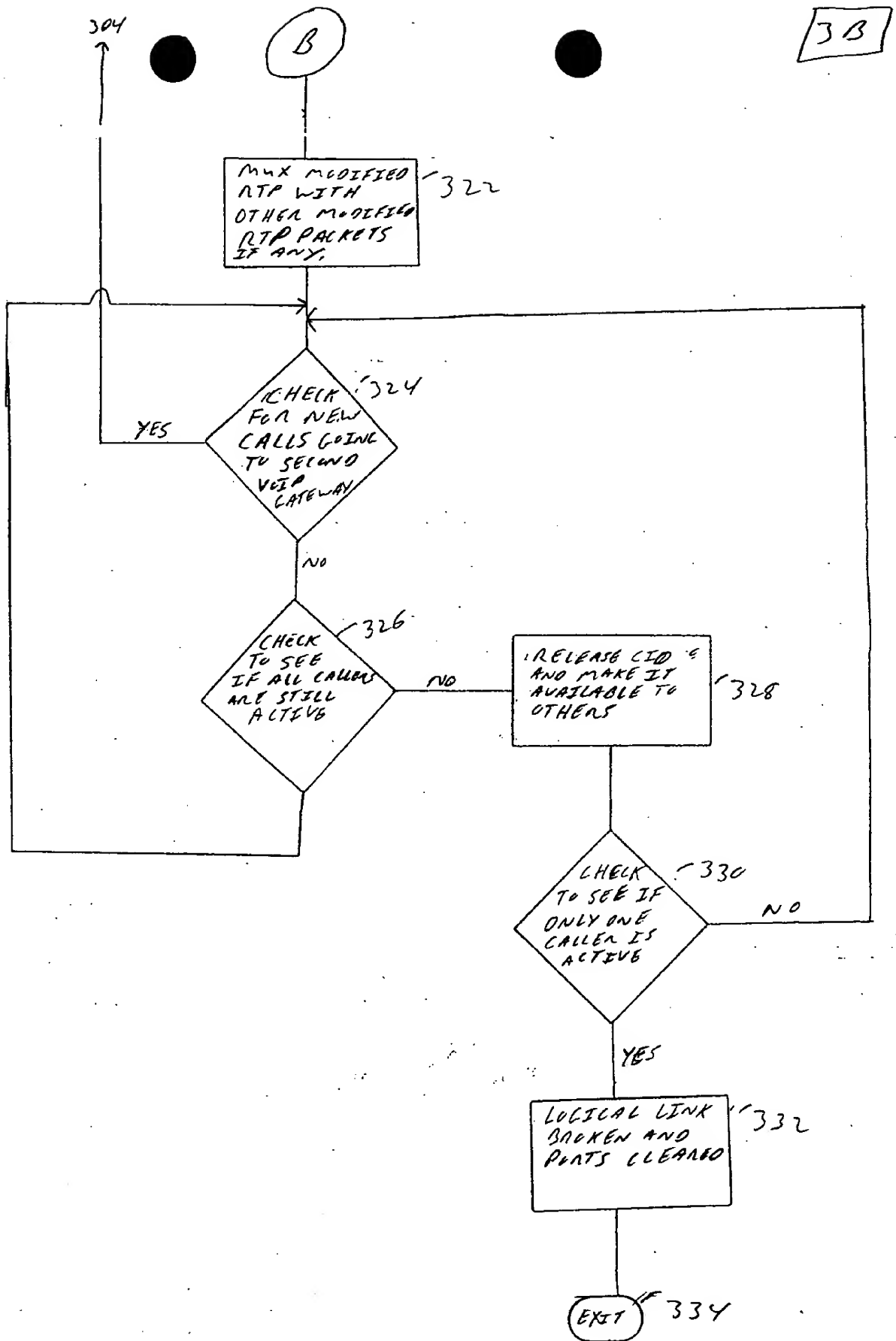
ATTACH MODIFIED  
RTP HEADER  
TO VOICE TRAFFIC

B

3A  
3B

002160"05965960

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|     |     |     |               |
|-----|-----|-----|---------------|
| HEC | LI  | CI  | RTP<br>Header |
| 408 | 406 | 404 | 402           |

400 J

FIC 4

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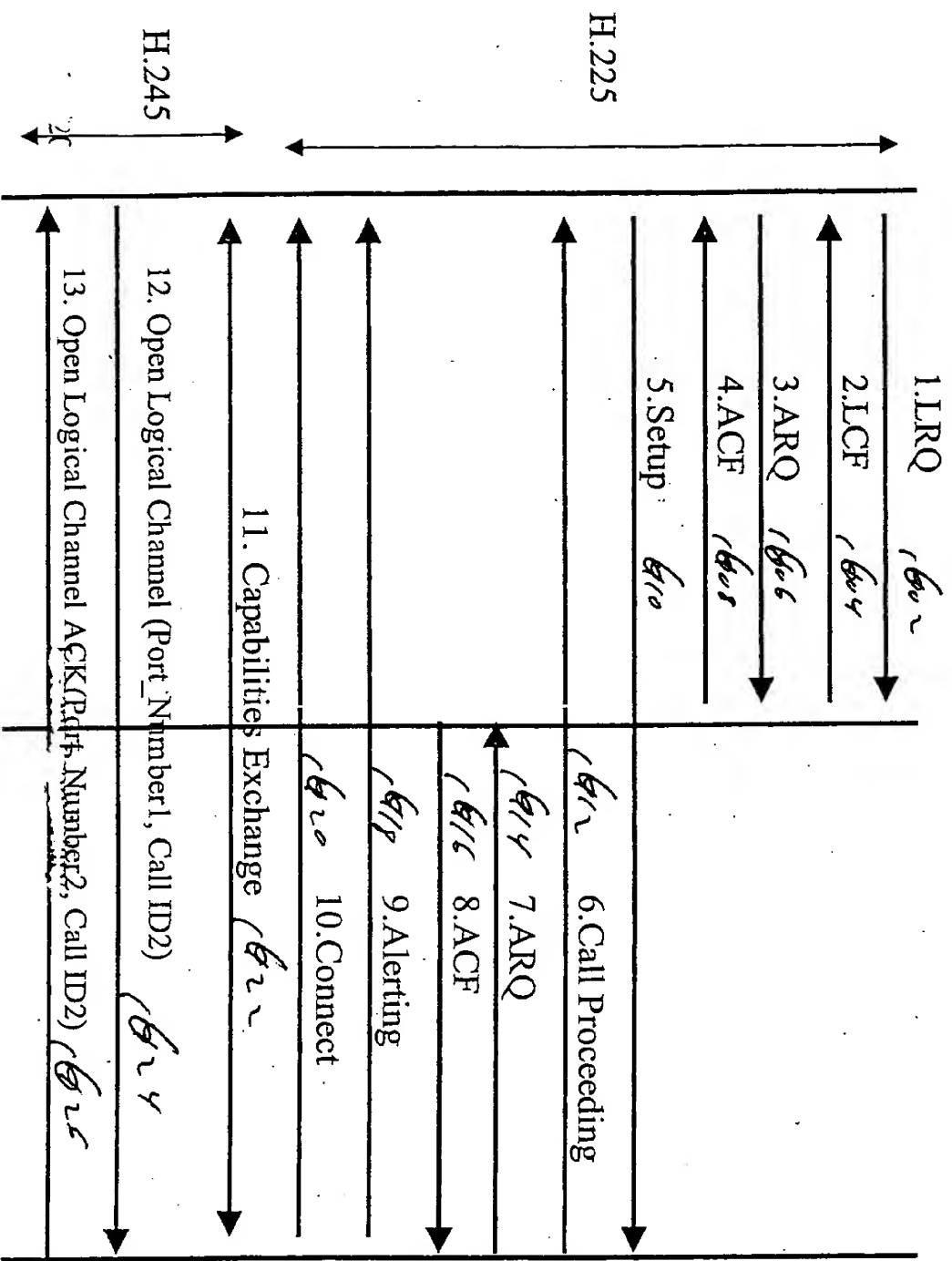
|         |     |         |     |         |     |        |
|---------|-----|---------|-----|---------|-----|--------|
| Payback | ATP | Payback | ATP | Payback | ATP | NOF/EP |
| 514     | 512 | 510     | 508 | 506     | 504 | 502    |

FIG. 5

09659650.091200

FIG. 6

6A  
6B



09659650 .091200

First VOIP Gateway  
(122)

Gatekeeper  
(124)

Second VOIP Gateway  
(128)

[63]

1.LRQ

1. Disconnect

2.Release

3. Close Logical Channel (Port\_Number1, Call ID2)

13. Close Logical Channel ACK (Port\_Number2, Call ID2)

H.225

H.245

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